

ABSTRACT OF THE DISCLOSURE

A hydrodynamic torque transmitting device is disclosed that overcomes problems created by the presence of a thrust washer therein. In a torque converter 1 according to the present invention, a piston 41 is disposed between a front cover 2 and a turbine 4 to form a front chamber F on a front cover side and a rear chamber R on a turbine side, and can move toward and away from the front cover 2 by means of a hydraulic pressure differential created between the front and rear chambers F and R. The piston 41 has a disk shaped body 41a, and a frictional coupling portion (friction facing 61) disposed on a outer peripheral portion of the body 41a that serves to frictionally engage with the front cover 2. The turbine hub 23 and the front cover 2 have opposing portions (63, 23a) that oppose each other across an axial space. The piston 41 has a support portion 48 that axially supports the turbine 4 when the piston 41 moves to a position near the front cover. When the piston 41 moves to a position closest to the front cover 2, an axial space is maintained between the opposing portions (63, 23a).